

WHAT IS CLAIMED IS:

1. A multistage absorption structure of a fender mounting part comprising:
a fender having an outer plate forming an outer construction, vertical and
horizontal flanges inwardly bent toward an engine compartment, and inner and outer
5 apron panels forming a closed surface; and
a hood having an outer panel and an inner panel integrally formed with the outer
panel, wherein:
said vertical flange is V-shaped for firstly absorbing an impact by deformation
when an impact is applied to the fender; and
10 an impact absorption space is formed between said horizontal flange and said
outer apron panel in such a manner that an upper side of said inner apron panel is
extended and engaged with said horizontal flange, whereby the impact energy firstly
absorbed by the V-shaped bent portion of said vertical flange is secondly absorbed by the
lower portion of said horizontal flange.
15
2. A multistage absorption structure, including a fender portion comprising an outer
plate with a sideways V-shaped vertical flange extending inward therefrom and joining
with a horizontal flange, an outer apron panel being positioned below said horizontal
flange to define a secondary energy absorption space therebetween, primary energy
20 absorption being achieved by said V-shaped vertical flange.
3. The multistage absorption structure of claim 2, further including a hood portion
adjacently disposed with respect to the fender portion and comprising an outer panel
formed with an inner panel.
25
4. The multistage absorption structure of claim 2, wherein said outer apron panel is
joined with said horizontal flange by a partly angled member joined with a vertical inner
apron panel to define an end of said secondary energy absorption space.